

Amendment and Response
Serial No.: 10/730,843

IN THE CLAIMS

Please withdraw claims 1-5.

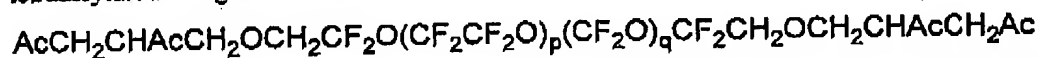
Please cancel claims 8 and 11.

Please amend claims 6, 9, 10, and 12 as follows:

1. (Withdrawn) A functionalized perfluoropolyether lubricant useful in magnetic recording media and optical recording media comprising at least about two acrylate endgroups.
2. (Withdrawn) A functionalized perfluoropolyether lubricant comprising at least about three acrylate endgroups.
3. (Withdrawn) A functionalized perfluoropolyether lubricant according to claim 2 comprising a perfluoropolyether tetraacrylate.
4. (Withdrawn) A functionalized perfluoropolyether lubricant according to claim 3 having a molecular weight of from about 2000 to about 3000.
5. (Withdrawn) A functionalized perfluoropolyether lubricant comprising a perfluoropolyether tetraacrylate having the formula
$$\text{AcCH}_2\text{CHAcCH}_2\text{OCH}_2\text{CF}_2\text{O}(\text{CF}_2\text{CF}_2\text{O})_p(\text{CF}_2\text{O})_q\text{CF}_2\text{CH}_2\text{OCH}_2\text{CHAcCH}_2\text{Ac}$$
wherein Ac is OCOCHCH_2 , p is an integer of from about 3 to about 9, and q is an integer of from about 2 to about 5.
6. (Currently Amended) An optical recording medium comprising at least one thin film of magneto-optical material disposed between two protective layers, wherein the surface of said optical recording medium has a lubricant ~~according to claim 1~~ deposited thereon~~[[.]], wherein said lubricant is a functionalized perfluoropolyether tetraacrylate having a molecular weight of from about 2000 to about 3000.~~
7. (Original) An optical recording medium according to claim 6 wherein said lubricant is subjected to ultraviolet rays after deposition on said thin film.
8. (Cancelled)

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9. (Currently Amended) A magnetic recording medium comprising at least one thin film of magneto-optical material disposed between two protective layers, wherein the surface of said optical recording medium has a lubricant deposited thereon, according to claim 6 wherein said lubricant is a functionalized perfluoropolyether lubricant comprising a perfluoropolyether tetraacrylate having the formula

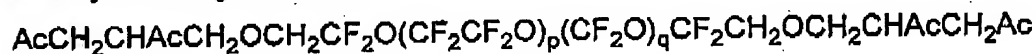


wherein Ac is OCOCHCH_2 , p is an integer of from about 3 to about 9, and q is an integer of from about 2 to about 5.

10. (Currently Amended) A magnetic recording medium comprising at least one thin metal recording layer, said layer having a lubricant ~~according to claim 1~~ deposited thereon ~~[[.]]~~, wherein said lubricant is a functionalized perfluoropolyether tetraacrylate having a molecular weight of from about 2000 to about 3000.

11. (Cancelled)

12. (Currently Amended) A magnetic recording medium comprising at least one thin metal recording layer, said layer having a lubricant deposited thereon according to claim 10 wherein said lubricant is a functionalized perfluoropolyether lubricant comprising a perfluoropolyether tetraacrylate having the formula



wherein Ac is OCOCHCH_2 , p is an integer of from about 3 to about 9, and q is an integer of from about 2 to about 5.

13. (Original) A magnetic recording medium according to claim 10 wherein said medium comprises a thin film stack, said stack comprising multiple thin film layers, at least one layer thereof not having an information recording function.